Original/Duplicate/Triplicate

CONTRACT CERTIFICATE

Bill Type:: 2nd & Part Bill (For Other Works) Date.....20

Zone:BBMP,Yelahanka Division:BBMP, Byatarayanapura Sub-Division:Kodigehalli

Bill Received No. Dated Divisional Cash Book Voucher No.....Dated.....

Schedule Docket No. Kodigehalli Sub-Divisional Job Code: 008-23-000003 Indent No: 052486

Head of Account: P3877 Est.Cost: Rs.1100.00 Lakhs

Name of Work :PACKAGE NO.03 (CONSISTS OF 5 WORKS)

Name of Contractor and Full Address: M/s. Karthik Enterprises, Prop. Sri A Surya Prakash, No.123, Aishwarya, 3rd Cross, Ramanna Garden, Vidyaranyapura, Bengaluru-560097.

Reference to Agreement No. BBMP/EE/BTP/WO/ 78 /2022-23 Date: 25-11-2022

Certified that the measurements were taken by me on: 02/01/24 and recorded of Pages 558938 to 558947 of measurement Book No. 5590 and that work is satisfactorily executed.

(Wood - 08) Contractor Officer-in-charge of work

Certified that measurement were taken by me on 02/01/24 and found correct. The work is satisfactorily executed.

Certified that the quantities of materials shown in column 3 of Accont have been actually brought to site of the work and the contractor has not previously received any advance on this security. These materials are of and imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreed upon. A normal agreement signed and executed by the contractor is recorded in the office.

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

Sub-Division Officer

1) Total value of work done or supplies made as per account within	Total	68339700	00
2) Deduct amount to be held in reserve being.....Percent Rs.....	Upto 1st & Part → Previous	19588000	00
3) " Balance	TTB - 2nd & Rest → Present	48751700	00
4) Deduct Payment:	I+	826300	00
	CGST	413150	00
	SGST	413150	00
	CESS	413150	00
	CBF	41315	00
	LR	420635	00
a) Amount of previous payment as in the Office Cash Book Voucher No.....Dated.....S.D.No..... adjusted towards cash advance recovery of			
b) Payments cost store or other material supplied. Now made recovery of amount creditable to this /other work			
Amount paid on this bill Cheque/Cash.			
5) Balance being unpaid value of work done held in reserve.			
6) Deduct cash advance made on the Office cash Book Voucher No..... dated .....less adjustments. Total Amount Adjusted	Ded.	2527700	00
7) Net amount due to or from Contractor unadjustments items. 8) Advance to Contractor for materials brought to site (as detailed) within 9) Value of Government materials supplied.	Net Payable	46224000	00

Received Rs.....(in words)... Contractor's Signature

.....

by cash and by adjustment of Payment as per memorandum (in final settlement of all demands)

(For use in the Office)

Witness
1
2

Dated Signature of Contractor

Paid by me by Cheque No.....Dated.....

Stamp

Cash Rs.....

Dated.....

Initials of Officer making payment

P3877 Head of Account..Amruth Nagarathna

Bill Passed for Rs. 48751700/-

Statutory Deductions Rs. 2527700/- By Adjustment

Net Amount Paid Rs. 46224000/- By NEFT/RTGS

C/W 19/1/24

Account Superintendent
Byatarayanapura Division
BBMP

19/1/24

Executive Engineer
Byatarayanapura Division
BBMP

19/1/24

ABSTRACT

Item No	Description	Unit	Modified Schedule-B			Previous			Present			Total Upto Date		Remarks
			Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Amount	
1	Removing and resetting Stone Slab of drain and pointing in C.M (1:3) (Approved Rate)	Sqm	1487.70	139.73	207877.00	0.00	139.73	0.00	478.04	139.73	66797.00	478.04	66797.00	
2	Removing and Resetting of Footpath Slab and pointing in C.M (1:3) (Approved Rate)	Sqm	2154.02	271.37	584536.00	0.00	271.37	0.00	2003.00	271.37	543554.00	2003.00	543554.00	
3	Earth work excavation by manual means for drains,canals, waste weir, draft, approach channels, key trenches, foundation of bridges and such simillar works in all kinds of soils , as per drawing and technical specifications, including setting out, shoring, strutting, barricading, caution lights, removal of stumps and other deleterious matter, excavated surface leveled and sides neatly dressed disposing off the excavated stuff or sorting & stacking the selected stuff for reuse in a radius of 50 m and lift upto 1.5 m including cost of labour, tools & other appurtenaces required to complete the work.Loading and Unloading of Stone Boulder/Stone aggregates/ Sand/Kankar/Moorum. (Tipper 5.5 m3) Quantity upto125%	Cum	5519.80	351.05	1937726.00	1265.60	351.05	444289.00	1944.38	351.05	682575.00	3209.98	1126864.00	
4	Providing and laying in position plain cement concrete for levelling course for all works in foundation. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed, laid in layers not exceeding 150 mm thickness, well compacted using plate vibrators, including all lead & lifts, cost of all materials of quality, labour, Usage charges of machineries, curing, and all the other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement & formwork shall be paid separately) Mix 1:3:6 (M10) Using 40 mm nominal size graded crushed coarse aggregates	Cum	452.99	6413.65	2905331.00	214.32	6413.65	1374573.00	135.81	6413.65	871038.00	350.13	2245611.00	
5	Supplying, Fitting and Placing un-coated TMT bar Reinforcement in sub-structure complete as per Drawing and Technical Specifications	Tonne	54.41	106436.07	5791280.00	25.68	106436.07	2733278.00	13.99	106436.07	1489041.00	39.67	4222319.00	
6	Providing and laying in position Reinforced cement concrete for all Sub structures of building, Irrigation works, Sub structure works of bridges, Drain works & other parallel works from 0.50m to 3.50 m height. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticisers, laid in layers, well compacted using needle vibrators, providing weep holes wherever necesary, including all lead & lifts, cost of all materials of quality, confirming to the requirements of relevant IS codes, labour, Usage charges of machinery, curing and all other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement & formwork to be paid separately) M20 Design Mix Using 20 mm nominal size graded crushed coarse aggregates	Cum	915.91	7236.31	6627791.00	406.82	7236.31	2943876.00	293.05	7236.31	2120601.00	699.87	5064477.00	
7	Providing and laying in position plain cement concrete for levelling course for all works in foundation. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed, laid in layers not exceeding 150 mm thickness, well compacted using plate vibrators, including all lead & lifts, cost of all materials of quality, labour, Usage charges of machineries, curing, and all the other appurtenances required to complete the work as per technical specifications. Mix 1:3:6 (M10) Using 20 mm nominal size graded crushed coarse aggregates	Cum	90.76	6614.58	600346.00	11.75	6614.58	77721.00	79.01	6614.58	522618.00	90.76	600339.00	
8	Providing and constructing load bearing wall with Solid Concrete blocks of size 400x150x200mm having block density more than 1800kg/m3 and minimum compressive strength of 4.00 N/mm2 conforming to IS 2185 (Part - 1) - 2005 and constructed with CM 1:4 as per IS 2572:2005 including cost of all materials, labour, scaffolding and curing, usage charges of machinery etc complete as per specifications.	Sqm	337.40	1225.22	413390.00	0.00	1225.22	0.00	337.40	1225.22	413389.00	337.40	413389.00	

Item No	Description	Unit	Modified Schedule-B			Previous			Present			Total Upto Date		Remarks
			Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Amount	
9	Providing and fixing precast reinforced cement concrete covering slabs of 10Cm thick made of M20 with OPC cement,with 20mm and down size graded granite metal coarse aggregate @0.70 mixed, Inculding providing and removing centering, shuttering, strutting propping etc., for edges of slabs with TMT steel (Fe500) cost of all materials, labour, all lead and lift, HOM of machinery, curing, including cost of reinforcement etc., complete as directed by the Engineer in charge of the work	Sqm	2423.33	2175.19	5271193.00	702.89	2175.19	1528919.00	1346.63	2175.19	2929176.00	2049.52	4458095.00	
10	Providing and fixing RCC precast cover slab of 230mm thick for drain in cement concrete M20 using graded granite jelly 20mm and down size with steel reinforcement, including form work, lift charges, curing and concrete finished surfaces on both sides etc. complete and as per drawing and the directions of Engineer in-charge. (Data Rate)	Sqm	172.08	5287.84	909932.00	61.86	5287.84	327106.00	22.86	5287.84	120880.00	84.72	447986.00	
11	Providing B S slabs of selected quality roughly dressed having a size of 10 cms thick and fixed in cement mortar (1:6) including fixing curing etc., complete as directed by the Engineer in Charge of the work (excluding GST and Area Leading Charges)	Sqm	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
12	Providing and fixing pre cast solid cement concrete kerb stones made out of M20 with top and bottom width 114 and 165 mm respectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting including formwork, curing, including cost of materials, labour charges of machinery, loading and unloading, lead and lift, transportation etc.,complete as directed by the Engineer in Charge of the work (Approved Rate)	nos	2750.00	532.25	1463688.00	1306.00	532.25	695118.00	1444.00	532.25	768569.00	2750.00	1463687.00	
13	Painting two coats after filling the surface with synthetic enamel paint in all shades on new plastered concrete surfaces	Sqm	433.13	98.16	42516.00	205.63	98.16	20184.00	227.50	98.16	22331.00	433.13	42515.00	
14	Earth work in surface excavation by mechanical means for lowering & leveling the ground for all works other than foundation in all kinds of soils & upto depth not exceeding 300mm as per drawing and technical specifications, including setting out, shoring, strutting, barricading, caution lights, removal of stumps and other deleterious matter including dressing of excavated surfaces, disposing off or levelling the excavated earth or sorting & stacking the selected earth for reuse in a radius of 50 m and lift upto 1.5 m including cost of labour, tools, usage of machinery & other appurtenances required to complete the work. In all kinds of soils upto 300 mm depth and as per the directions of the Engineer-in-charge of the work.	Cum	3673.73	75.06	275751.00	737.45	75.06	55353.00	2098.97	75.06	157549.00	2836.42	212902.00	
15	Construction of Embankment by excavating the available approved Gravel/Murrum deposited at a place or borrow pits during or prior excavation with all lifts and lead, transportation to site, spreading, grading to required slope and compacting to meet the requirement complete as per specifications, including cost of labour,rolling,water,all materials,usage& all other appurtenaces required to complete the work	Cum	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
16	Providing, laying, spreading and compacting graded stone aggregate to wet mix macadam specification including premixing the Material with water at OMC in mechanical mix plant carriage of mixed Material by tipper to site, laying in uniform layers with paver/grader in sub-base / base course on well prepared surface and compacting with vibratory roller to achieve the desired density	Cum	3308.74	2764.54	9147131.00	663.70	2764.54	1834825.00	1889.31	2764.54	5223073.00	2553.01	7057898.00	
17	Providing and applying primer coat with SS1 grade Bitumen Emulsion on prepared surface of granular base including cleaning of road surface and spraying primer at the rate of 0.90 kg per m2 using mechanical means.	Sqm	20798.60	48.50	1008733.00	2949.80	48.50	143065.00	13339.28	48.50	646955.00	16289.08	790020.00	
	Qty Above 125%	Sqm	3766.80	48.50	182693.00	0.00	48.50	0.00	0.00	48.50	0.00	0.00	0.00	
18	Providing and applying tack coat with RS1 Bituminous Emulsion using emulsion pressure distributor at the rate of 0.20 kg/m2 on the prepared bituminous surface cleaned with mechanical broom	Sqm	64570.28	13.86	894945.00	4937.92	13.86	68439.00	32646.78	13.86	452484.00	37584.70	520923.00	

Item No	Description	Unit	Modified Schedule-B			Previous			Present			Total Upto Date		Remarks
			Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Amount	
19	Providing and laying Dense Graded Bituminous Macadam with 40/60 TPH capacity HMP using crushed aggregates of specified grading, premixed with bituminous binder VG-30, @ 4.5 per cent by weight of total mix and filler, transporting the hot mix to work site, laying with mechanical paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MoRTH specification clause No. 505 complete in all respects.	Cum	1228.27	10553.53	12962585.00	147.49	10553.53	1556540.00	666.96	10553.53	7038782.00	814.45	8595322.00	
20	Providing and laying Bituminous Concrete with 40/60 TPH capacity hot mix plant using crushed aggregates of specified grading, premixed with bituminous binder VG-30, @ 5.4 per cent of mix and filler, transporting the hot mix to work site, laying with mechanical paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH specification clause No. 507 complete in all respects	Cum	2582.81	12253.37	31648142.00	197.52	12253.37	2420286.00	1306.77	12253.37	16012336.00	1504.29	18432622.00	
21	Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads @ 250 g/ m2 area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC:35:2015.The finished surface to be level, uniform and free from streaks and holes	Sqm	2346.00	551.98	1294946.00	174.40	551.98	96265.00	1202.28	551.98	663635.00	1376.68	759900.00	
22	Dismantling of cement concrete pavement by mechanical means using pneumatic tools, breaking to pieces not exceeding 0.02 m3 in volume and stock piling at designated locations and disposal of dismantled materials and stacking serviceable and unserviceable materials separatel	Cum	255.58	487.32	124547.00	0.00	487.32	0.00	0.00	487.32	0.00	0.00	0.00	
	Qty Above 125%	Cum	379.52	487.32	184948.00	0.00	487.32	0.00	0.00	487.32	0.00	0.00	0.00	
23	Providing and laying in position plain cement concrete for levelling course for all works in foundation. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed, laid in layers not exceeding 150 mm thickness, well compacted using plate vibrators, including all lead & lifts, cost of all materials of quality, labour, Usage charges of machineries, curing, and all the other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement & formwork shall be paid separately) Mix 1:5:10 Using 40 mm nominal size graded crushed coarse aggregates	Cum	219.06	5611.08	1229178.00	0.00	5611.08	0.00	0.00	5611.08	0.00	0.00	0.00	
	Qty Above 125%	Cum	162.00	5611.08	908968.00	0.00	5611.08	0.00	0.00	5611.08	0.00	0.00	0.00	
24	Providing and constructing un-reinforced plain cement concrete pavement, thickness as per design, over a prepared sub base, with 43 grade cement or any other type as per Clause 1501.2.2 M30 (Grade), coarse and fine aggregates conforming to IS:383, maximum size of coarse aggregate not exceeding 25 mm, mixed in a concrete mixer of not less than 0.2 cum capacity and appropriate weigh batcher using approved mix design, laid in approved fixed side formwork (steel channel, laying and fixing of 125 micron thick polythene film, wedges, steel plates including levelling the formwork as per drawing), spreading the concrete with shovels, rakes, compacted using needle, screed and plate vibrators and finished in continuous operation including construction joints, , primer, sealant , curing of concrete slabs for 14- days, and water finishing to lines and grade as per drawing and technical specification clause 1501 with all lead, lifts, loading & unloading charges, cost and conveyance of all materials, labour, equipments etc., complete. as per the directions of the Engineer-in-charge of the work	Cum	219.06	7519.93	1647335.00	0.00	7519.93	0.00	0.00	7519.93	0.00	0.00	0.00	
	Qty Above 125%	Cum	162.00	7519.93	1218193.00	0.00	7519.93	0.00	0.00	7519.93	0.00	0.00	0.00	

Item No	Description	Unit	Modified Schedule-B			Previous			Present			Total Upto Date		Remarks
			Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Amount	
25	Cost of Haulage Excluding Loading and Unloading Taking output 10 t load and lead 10 km = 250 t.km	T.km	12580.64	110.86	1394690.00	2563.91	110.86	284235.00	5175.49	110.86	573755.00	7739.40	857990.00	
	Sub Total				**90878391.00**	-	-	**16604072.00**			**41319138.00**		**57923210.00**	
	GST @18%				**16358111.00**	-	-	**2988733.00**			**7437445.00**		**10426178.00**	
	TOTAL AMOUNT				**107236502.00**	-	-	**19592805.00**			**48756583.00**		**68349388.00**	

Certificate

1. The Work executed by the contractor is found satisfactory
2. The contractor has removed the debris from the work spot
3. Thereare no departmental issues for this work

Sub total :	16604072.00	41319138.00	57923210.00
Round off :	16600000.00	41315000.00	57915000.00
Gst 18% :	2988000.00	7436700.00	10424700.00
G. total :	19588000.00	48751700.00	68339700.00

Assistant Engineer

Assistant Executive Engineer

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore